

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Angelo, TX

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

March

2013

TO: Hydrologic Information Center, W/OS31
NOAA's National Weather Service
1325 East West Highway
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

April 15, 2013

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

X An X inside this box indicates that no flooding occurred within this hydrologic service area.

The month of March was generally very dry across the San Angelo hydrologic service area (HSA). The only noteworthy rain event occurred late on March 9. An upper level storm system moved in from the west to interact with a strong cold front progressing east across the HSA. Thunderstorms developed during the evening of March 9 and moderate to heavy rainfall occurred generally along and east of a Sonora to Brownwood line. Rainfall totals across this area ranged from half an inch to two inches.

The San Angelo Regional Airport reported 0.01 of an inch of precipitation during March, which was 1.49 inches below normal for the month and the 6th driest March on record. The monthly normal rainfall for San Angelo in March is 1.50 inches.

The Abilene Regional Airport received 0.61 of an inch of precipitation during March, which was 1.13 inches below normal for the month. The monthly normal rainfall for Abilene in March is 1.74 inches.

Junction received 0.36 of an inch of precipitation during March. The estimated average monthly rainfall in March is 2.41 inches.

Hydro Products Issued

FLS = 2 (Flood Advisory)

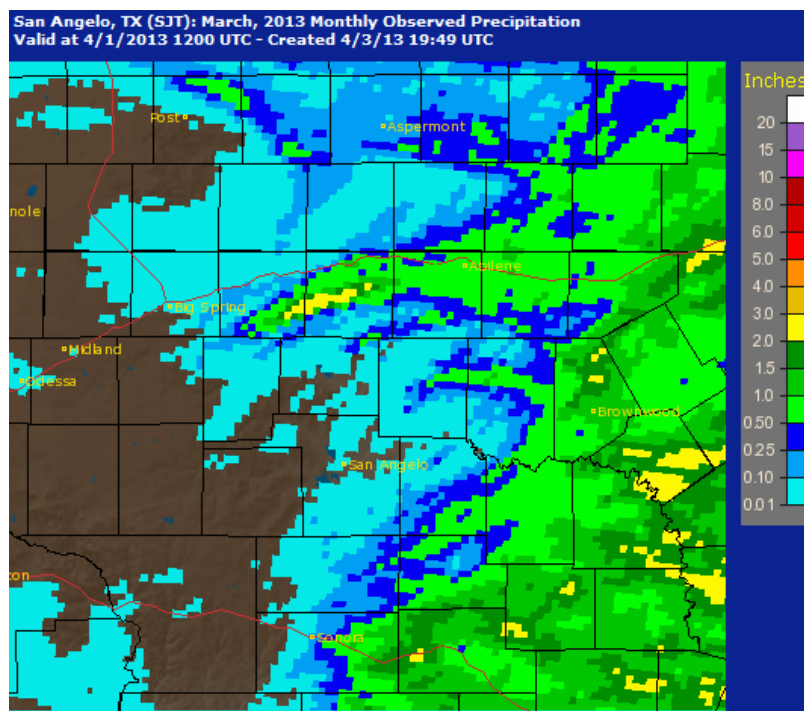
ESF = 2 (Probabilistic Forecasts)

ESF = 1 (Spring Flood Outlook)

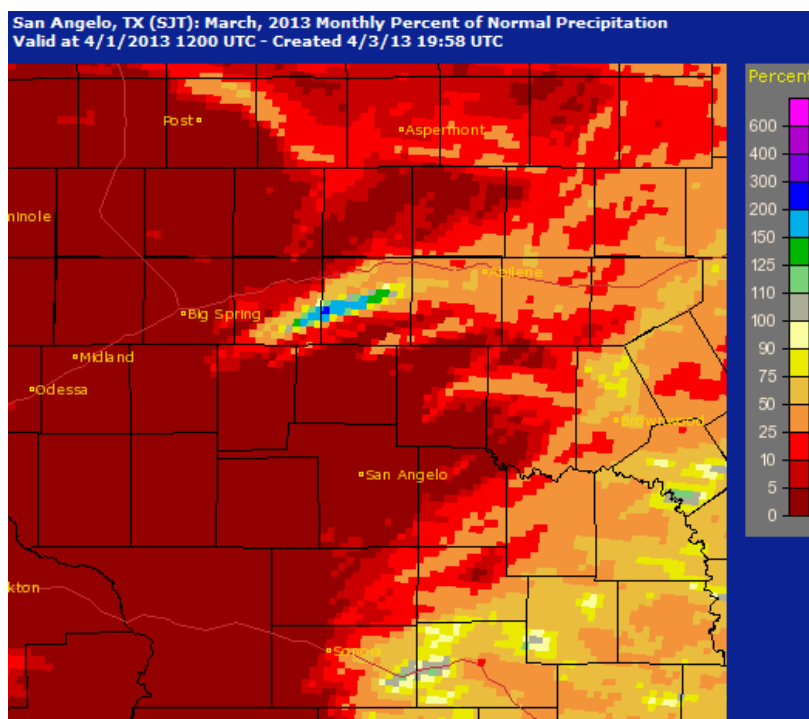
The NWS precipitation analysis can be viewed at <http://water.weather.gov/>.

The total monthly precipitation estimate and percent of normal precipitation for March across the San Angelo HSA is depicted below.

March 2013, Observed Precipitation

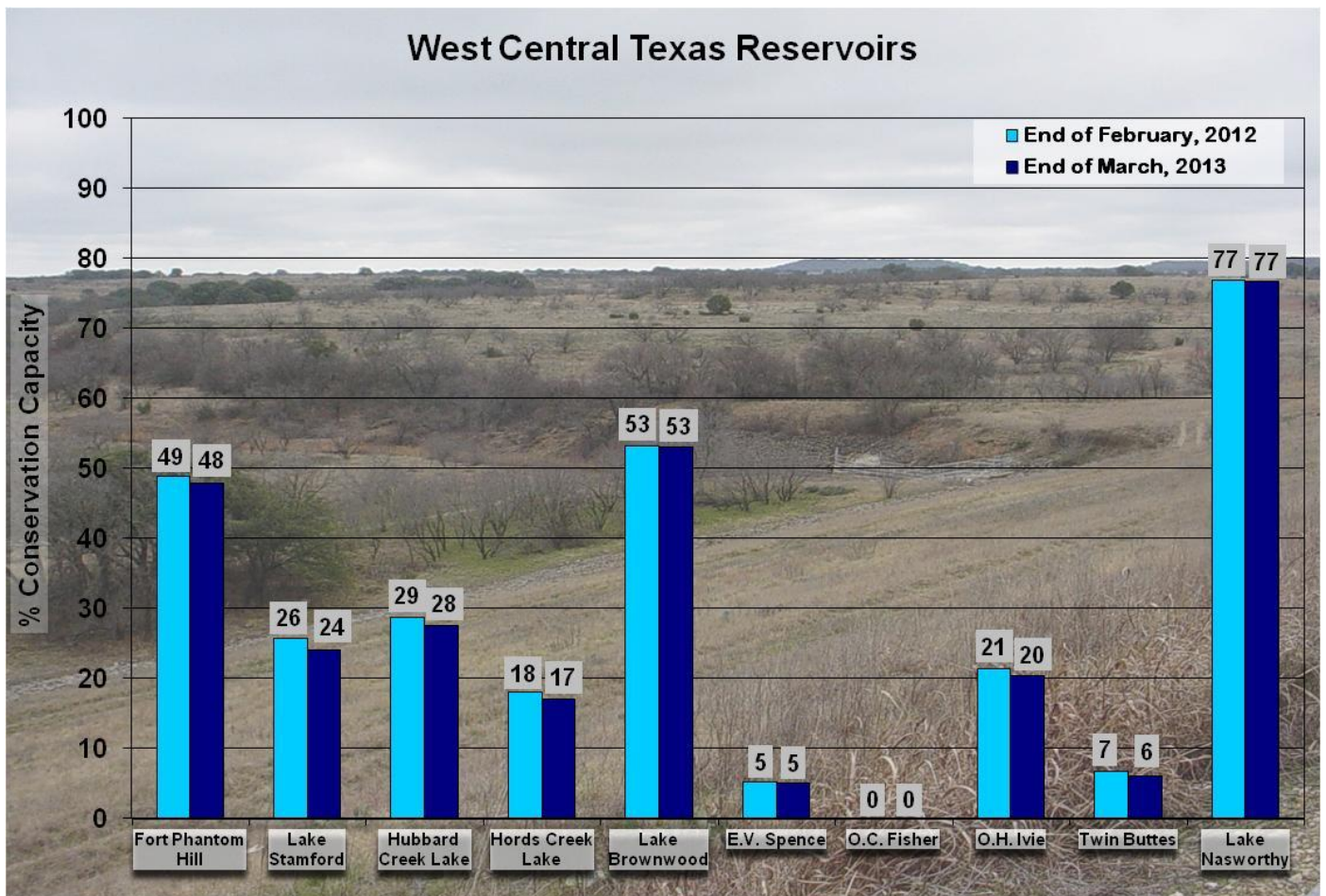


March 2013, Percent of Normal Precipitation



Reservoir Conditions (end of March, 2013)

Reservoir	Conservation Capacity (Ac-Ft)	End of Month Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	33,580	48
Lake Stamford	52,700	12,450	24
Hubbard Creek Lake	317,800	87,800	28
Hords Creek Lake	8,800	1,150	17
Lake Brownwood	131,428	68,860	53
E.V. Spence	488,760	26,100	5
O.C. Fisher	119,200	0	0
O.H. Ivie	554,340	113,300	20
Twin Buttes	177,800	10,720	6



The U.S. Drought Monitor depicted severe to exceptional drought conditions across most of the San Angelo HSA during March.

